

ABSTRACT OF THE DISCLOSURE

A base band unit of a radio communication module has basic functions for radio communications in accordance with a Bluetooth(R) protocol. Furthermore, 5 the base band unit has a function of calculating the throughput of radio communications on the basis of a bit error rate (BER) and computing reception sensitivity on the basis of a signal-to-noise ratio (SNR). The base band unit monitors radio 10 communications for their quality using the throughput calculated on the basis of the BER or the reception sensitivity computed on the basis of the SNR. If the base band unit determines that the communication quality is high, it instructs an RF unit to reduce 15 dispatch power required to transmit data. On the other hand, if the base band unit determines that the communication quality is low, it instructs the RF unit to increase the dispatch power required to transmit data.